



HP Pavilion 17-f004dx Hard Drive Replacement

This guide will show you how to replace your device's hard drive.

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INTRODUCTION

The hard drive may malfunction if physically damaged or put under a lot of stress. Use this guide to replace it if the computer won't boot and or is displaying errors.




TOOLS:

- [Phillips #0 Screwdriver](#) (1)
 - [Phillips #1 Screwdriver](#) (1)
 - [iFixit Opening Tools](#) (1)
 - [T6 Torx Screwdriver](#) (1)
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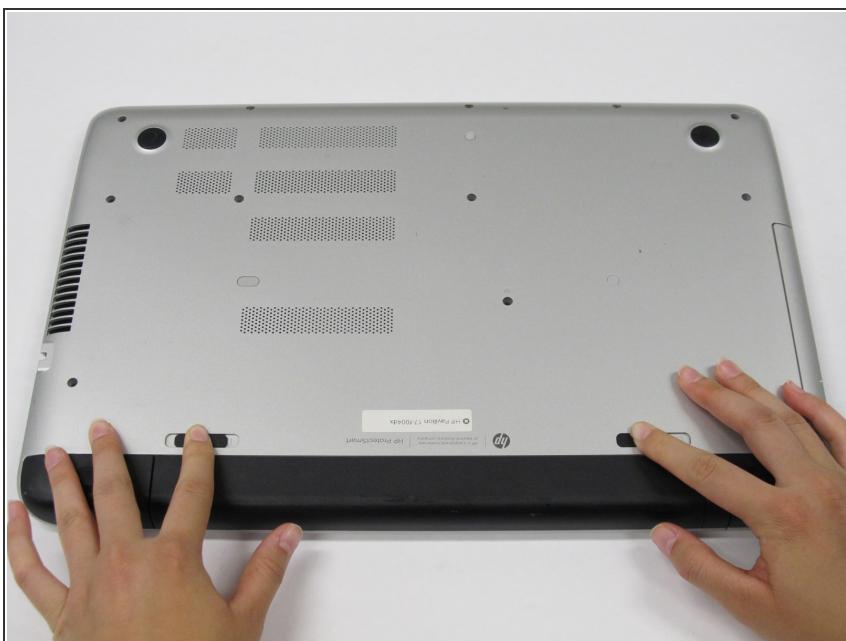
Step 1 — Battery



 Before you remove the battery, make sure the laptop is powered off.

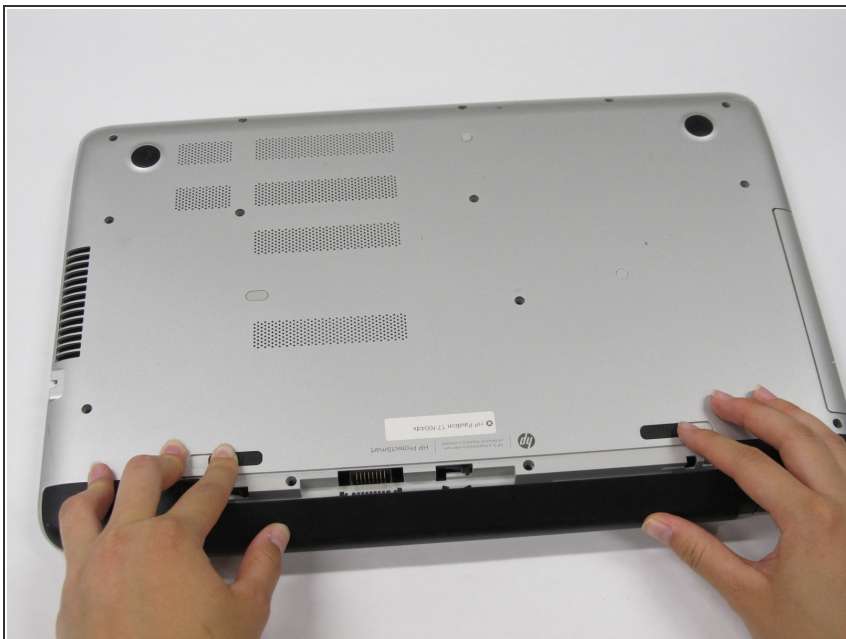
- Rotate the laptop so the back panel is facing up.

Step 2



- Slide the black battery latches inward to remove the battery.

Step 3



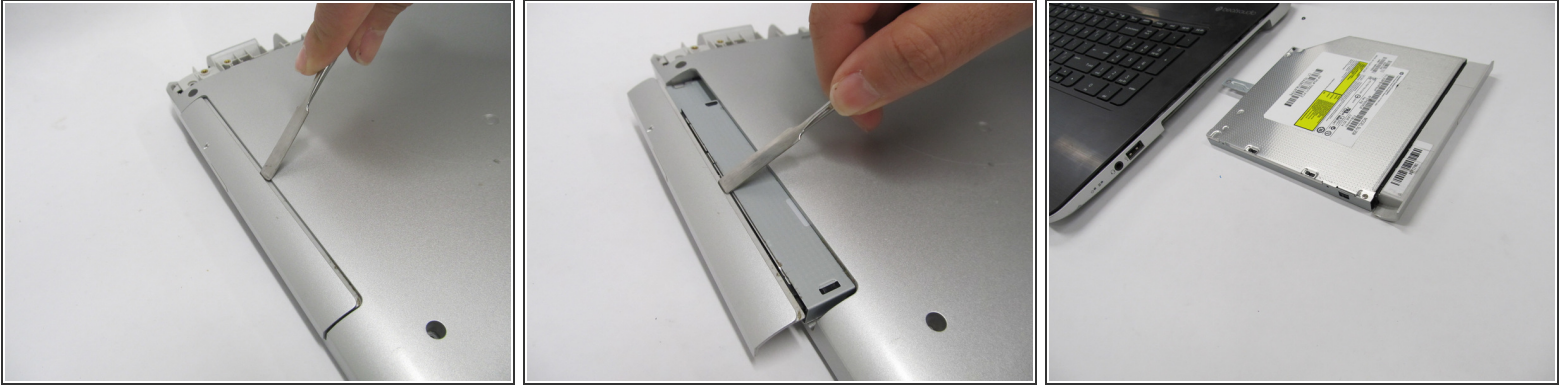
- Pull the battery out towards you while your fingers are still holding the latches in place.

Step 4 — CD Drive



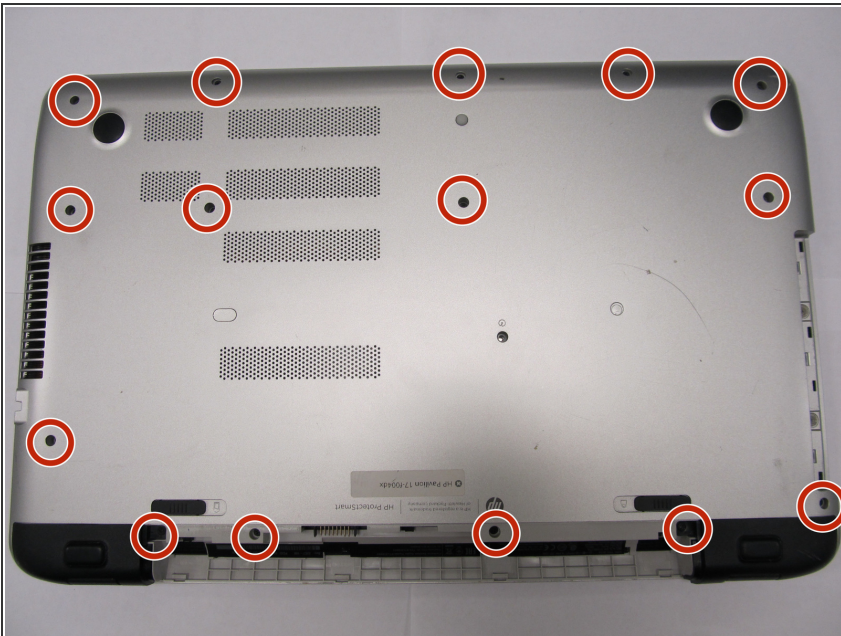
- Remove one 7 mm screw with a Phillips 1 screwdriver.

Step 5



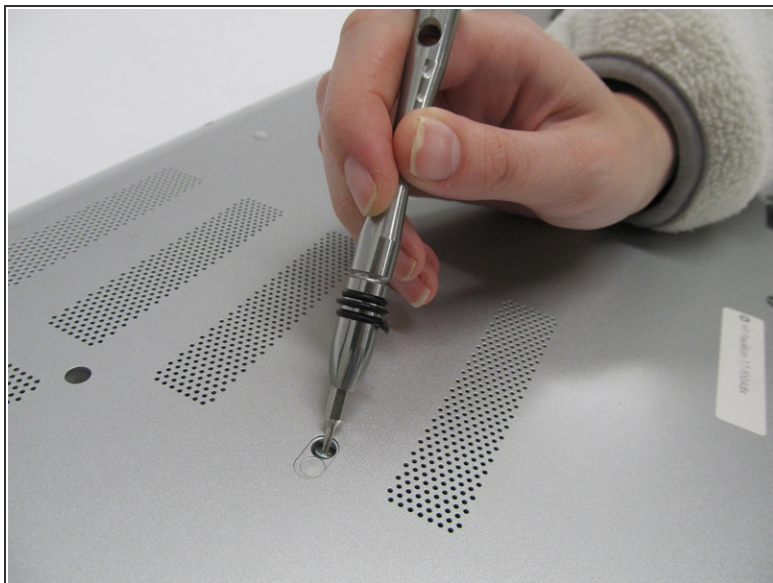
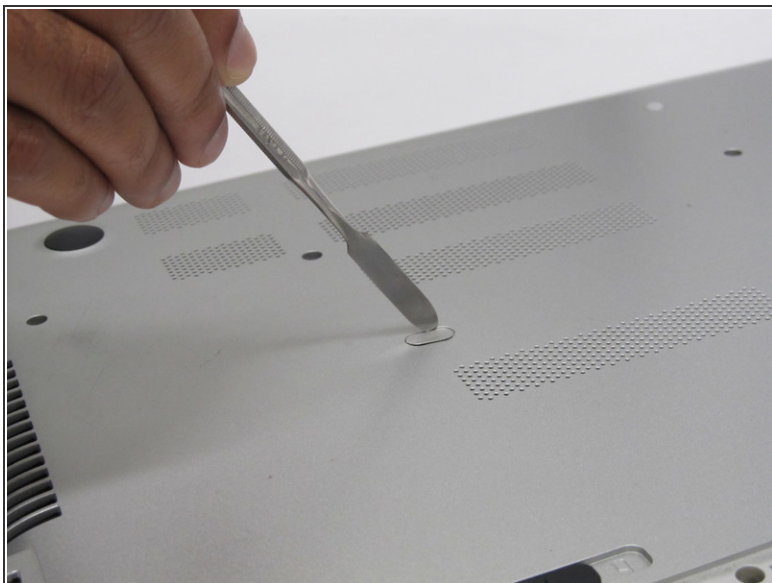
- Use a metal spudger to push the CD drive out of its slot for removal.

Step 6 — Front Panel



- Remove fifteen 7 mm screws with a Philips 1 screwdriver.

Step 7



- Remove the thin plastic cover using the flat metal spudger to expose another screw.
- Remove one 7 mm screw with a Phillips 0 screwdriver.

Step 8



- Use a metal spudger to remove the rubber "feet" to expose two screws.

Step 9



- Underneath each rubber foot, there is a screw.
- Use the Phillips 1 screwdriver to remove a 4.8 mm screw on each side.

Step 10



- Remove the two black end caps to expose more screws.
- ⓘ The end caps will require some force to remove.

Step 11



- Remove the following six screws with a Phillips 1 screwdriver:
 - Two 7 mm screws.
 - Two 7 mm screws.
 - Two 4.8 mm screws.

Step 12



- Remove two 2.4 mm broadhead screws from the CD Drive bay with a Phillips 0 screwdriver,

Step 13



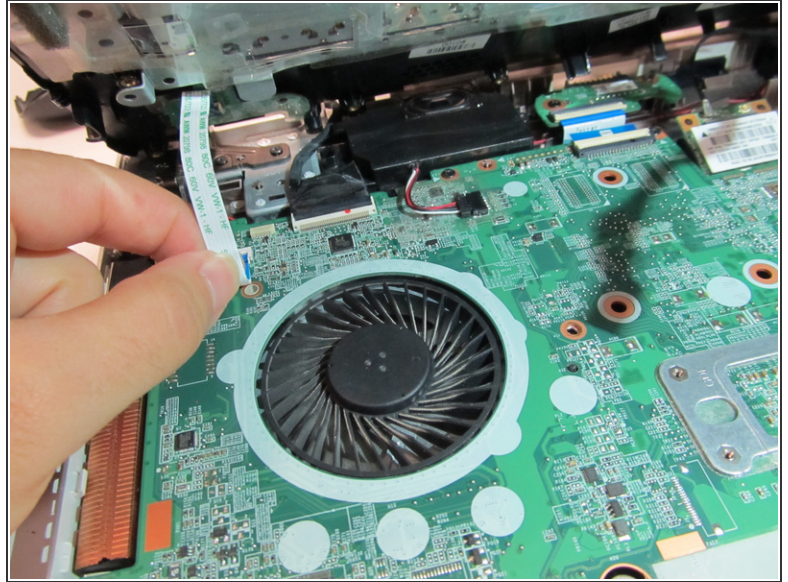
- Flip the laptop back over. Then, with the laptop open, move the plastic prying tool around the top cover to pry it from the enclosure.

Step 14



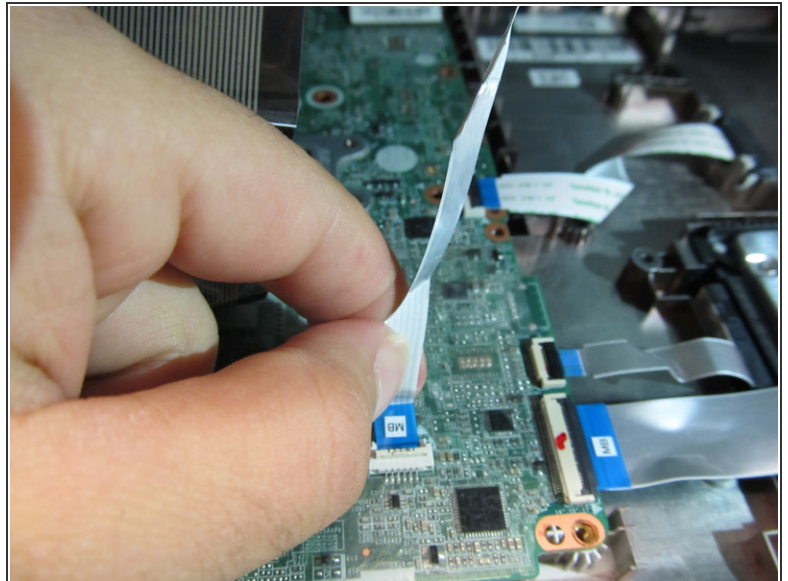
- Partially lift the top cover from the enclosure.

Step 15



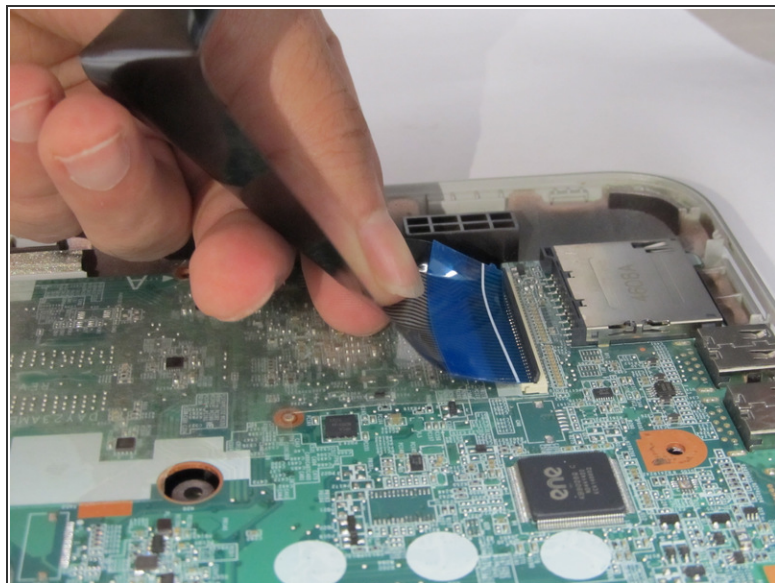
- Remove the ribbon connecting the power button to the motherboard.

Step 16



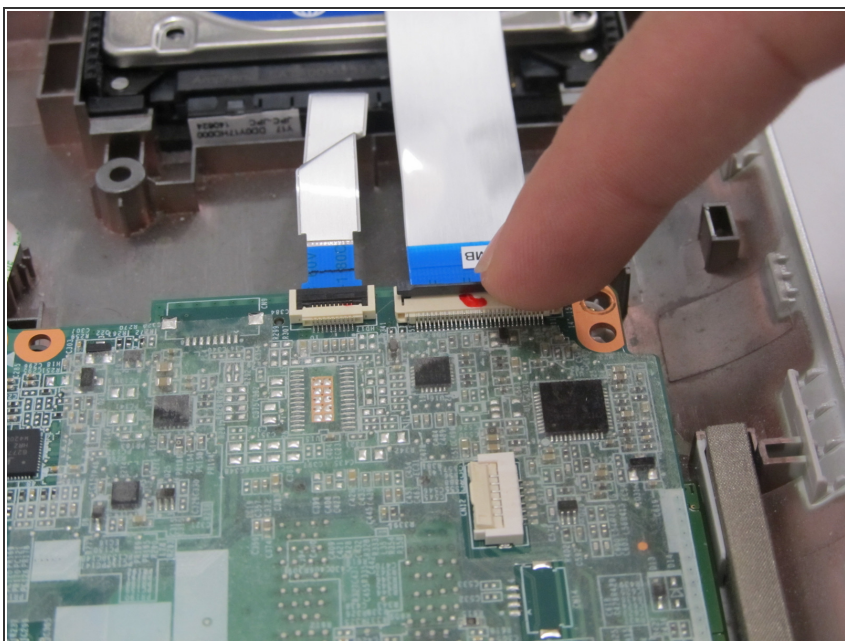
- Remove the ribbon connecting the mousepad to the motherboard.

Step 17



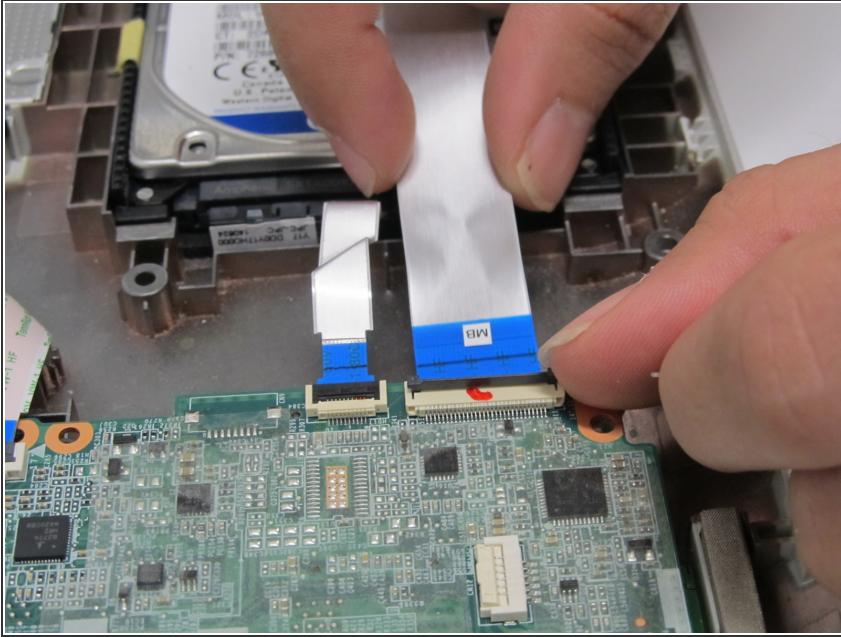
- Remove the ribbon connecting the keyboard to the motherboard.
- You may now fully lift the front panel from the rest of the laptop.

Step 18 — Hard Drive



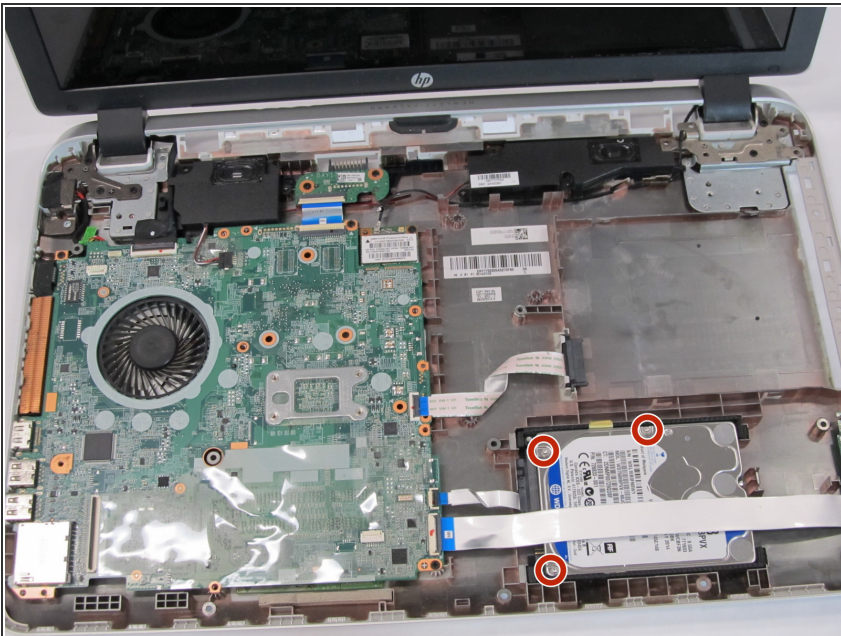
- Lift the black retaining bar that holds down the two hard drive ribbons to unlock them.

Step 19



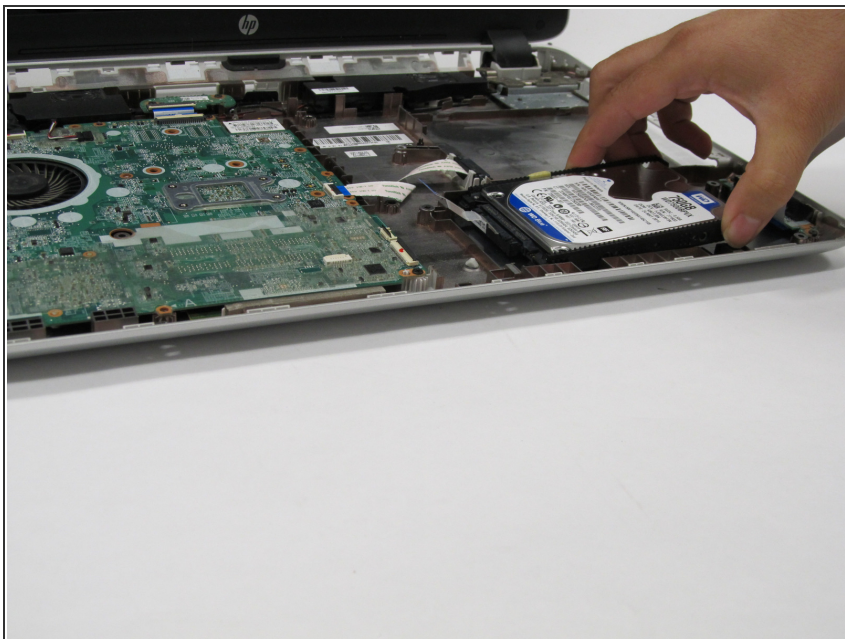
- Gently pull the ribbons out.

Step 20



- Remove three 4 mm screws with a T6 screwdriver.

Step 21



- Lift the hard drive out from the enclosure.

Step 22



- Pull the rubber casing away from the hard drive.

To reassemble your device, follow these instructions in reverse order.

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